



ITALY

Irrigated crop calendar

2007

Irrigated crops	Area 1000 ha	Crop area as percentage of the full control equipped and actually irrigated area by month											
		J	F	M	A	M	J	J	A	S	O	N	D
Wheat	118	4	4	4	4	4						4	4
Rice	241				9	9	9	9	9				
Maize	736				28	28	28	28	28				
Vegetables	226				8	8	8	8	8				
Fruits	384	14	14	14	14	14	14	14	14	14	14	14	14
Citrus	123	5	5	5	5	5	5	5	5	5	5	5	5
Grapes	197	7	7	7	7	7	7	7	7	7	7	7	7
Soybeans	85				3	3	3	3	3				
Sunflower	20				1	1	1	1	1				
Olives	120	5	5	5	5	5	5	5	5	5	5	5	5
Potatoes	32				1	1	1	1	1				
Sugar beet	97			4	4	4	4	4	4				
Fodder temporary	100	4	4	4	4							4	4
Fodder permanent	189	7	7	7	7	7	7	7	7	7	7	7	7
Harvested irrigated crop area [AHI_{full}]	2 666												
Area equipped for full control irrigation actually irrigated [AAI_{full}]	2 666	46	46	50	100	96	92	92	92	38	38	46	46
Cropping intensity (%) = 100 x [AHI_{full}]/[AAI_{full}]	100												
Area equipped for full control irrigation [AEI_{full}]	3 951												
% of full control equipped actually irrigated = 100 x [AAI_{full}]/[AEI_{full}]	67												
Total area equipped for irrigation [AEI_{tot}]	3 951												



Narrative Italy

AEI_{tot} and AEI_{full} are 3 951 000 and AAI_{full} is 2 666 000 ha (Eurostat, 2012). AHI_{full} is assumed equal to AAI_{full} resulting in a cropping intensity of 100 percent. The main irrigated crops are cereals (41 percent, mainly maize), fruit (26 percent, including grapes and citrus) and fodder (11 percent, temporary and permanent). Some vegetables, olives, sugar beet, soybeans, potatoes and sunflower are also irrigated. Temporary crops are mostly summer crops irrigated from March (sugar beet) or April to August, except winter wheat and fodder (from November to April or May). Permanent crops are irrigated almost the whole year (for water deficit in summer and frost protection in winter/spring).

References

Eurostat. 2012. EUROSTAT irrigation data. Available at <http://epp.eurostat.ec.europa.eu/>, accessed in June 2012.